

ABSTRACT OF THE DISCLOSURE

A mixing and distribution device for fixing paste, for multicomponent bone cement, comprising a box-like body that forms internally a receptacle closed in an upper region by a detachable and fluid-tight lid, inside which
5 devices for mixing components of the fixing paste are accommodated and are coupled to a piston that forms a venting chamber toward the lid and a mixing chamber toward the bottom of the receptacle; the mixing chamber is connected to a channel for distributing bone cement, controlled by valve devices, and the venting chamber is connected to a venting channel
10 associated with suction devices. The mixing devices are constituted by longitudinally elongated mixing blades arranged so as to slide within complementary through slots formed in the piston; a rotation pivot is locked coaxially on the piston and is arranged so that it can slide through a corresponding fluid-tight hole formed in the lid.